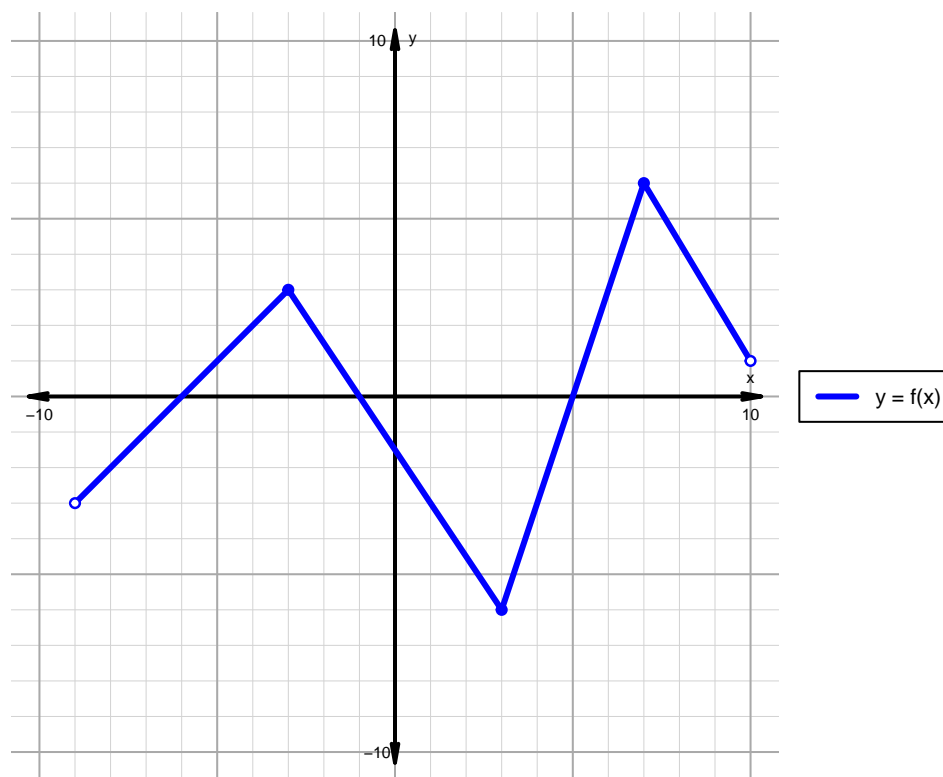


Name: _____

Date: _____

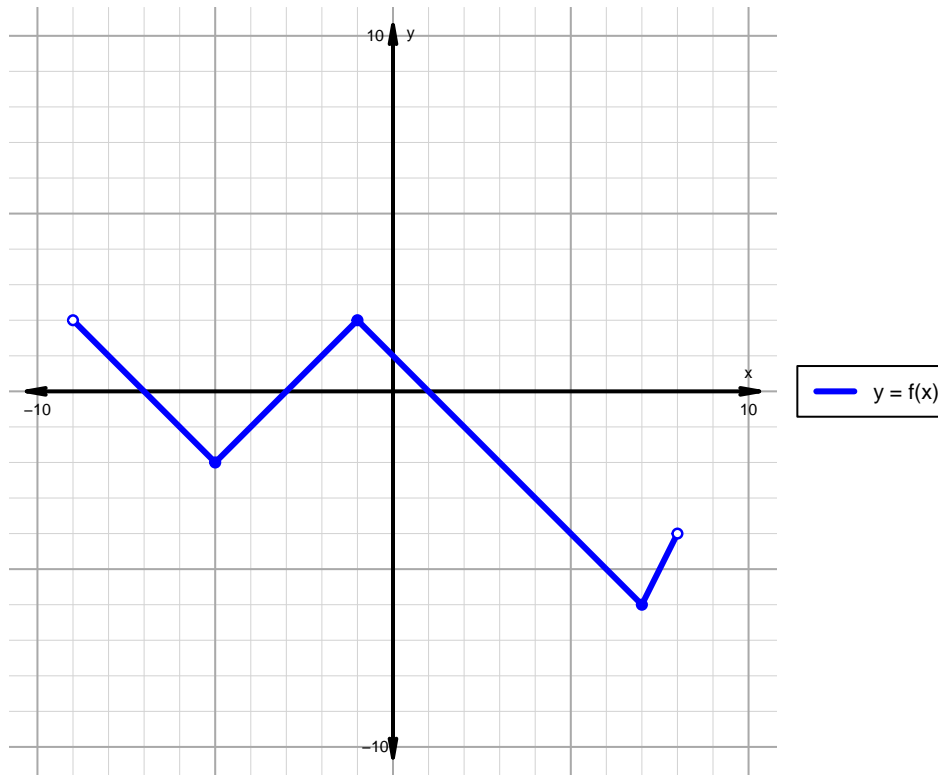
Function-Feature Intervals (version 17)1. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-6, -1) \cup (5, 10)$
Negative	$(-9, -6) \cup (-1, 5)$
Increasing	$(-9, -3) \cup (3, 7)$
Decreasing	$(-3, 3) \cup (7, 10)$
Domain	$(-9, 10)$
Range	$(-6, 6)$

Function-Feature Intervals (version 17)

2. The function f is graphed below.



Indicate the following intervals using interval notation. Remember, you can use \cup between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-9, -7) \cup (-3, 1)$
Negative	$(-7, -3) \cup (1, 8)$
Increasing	$(-5, -1) \cup (7, 8)$
Decreasing	$(-9, -5) \cup (-1, 7)$
Domain	$(-9, 8)$
Range	$(-6, 2)$